

10726027  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

12/1/03

In re application of:

KIRBY D. JABUSCH

Serial No.

Art Unit:

Filing Date: 12/1/2003

Examiner:

For: METHOD AND SYSTEM FOR TRANSMITTING  
SIGNALS THROUGH A METAL TUBULAR

Attorney Docket No. 200301USA

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56  
December 1, 2003

Mail Stop PATENT APPLICATION  
Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450

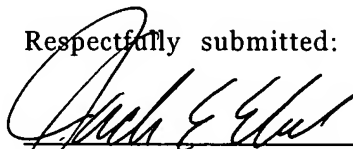
Sir:

The citations listed on the accompanying Form PTO/SB/o8, copies attached, may be material to the examination of the subject application and are therefore submitted in compliance with the duty of disclosure defined in 37 CFR §§1.56, 1.97 and 1.98.

This Information Disclosure Statement under 37 CFR §§1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art under 35 USC §102.

It is requested that the above citations be made of record, if appropriate, in the prosecution of this application.

Respectfully submitted:



Jack E. Ebel, Registration No. 28,148  
Attorney of Record

The Law Office of Jack E. Ebel  
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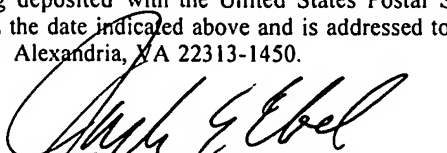
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Jack E. Ebel, Attorney for Applicant

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 4

**Complete if Known**

Application Number	
Filing Date	12/01/2003
First Named Inventor	KIRBY D. JABUSCH
Art Unit	
Examiner Name	
Attorney Docket Number	200301USA

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A	US- 3,684,008	08/15/1972	Garrett	
	B	US- 4,572,293	02/25/1986	Wilson et al.	
	C	US- 4,599,182	07/08/1986	Young et al.	
	D	US- 4,630,044	12/16/1986	Polzer	
	E	US- 4,656,463	04/07/1987	Anders et al.	
	F	US- 4,698,631	10/06/1987	Kelly, Jr., et al.	
	G	US- 4,808,925	02/28/1989	Baird	
	H	US- 4,827,395	05/02/1989	Anders et al.	
	I	US- 5,105,742	04/21/1992	Sumner	
	J	US- 5,142,128	08/25/1992	Perkin et al.	
	K	US- 5,191,936	03/09/1993	Edwards et al.	
	L	US- 5,202,680	04/13/1993	Savage	
	M	US- 5,279,366	01/18/1994	Scholes	
	N	US- 5,355,957	10/18/1994	Burleson et al.	
	O	US- 5,361,838	11/08/1994	Kilgore	
	P	US- 5,457,447	10/10/1995	Ghaem et al.	
	Q	US- 5,479,860	01/02/1996	Ellis	
	R	US- 5,495,237	02/27/1996	Yuasa et al.	
	S	US- 5,497,140	03/05/1996	Tuttle	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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Sheet **2** of **4****Complete if Known**

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	T	US- 5,505,134	04/09/1996	Brooks et al.	
	U	US- 5,608,199	03/04/1997	Clouse, III et al.	
	V	US- 5,626,192	05/06/1997	Connell et al.	
	W	US- 4,023,167	05/10/1977	Wahistrom	
	X	US- 5,654,693	08/05/1997	Cocita	
	Y	US- 5,660,232	08/26/1997	Reinhardt	
	Z	US- 5,680,459	10/21/1997	Hook et al.	
	AA	US- 5,682,143	10/28/1997	Brady et al.	
	AB	US- 5,720,345	02/24/1998	Price et al.	
	AC	US- 5,829,538	11/03/1998	Wesson et al.	
	AD	US- 5,911,277	06/15/1999	Hromas et al.	
	AE	US- 5,995,449	11/30/1999	Green et al.	
	AF	US- 6,018,501	01/25/2000	Smith et al.	
	AG	US- 6,025,780	02/15/2000	Bowers et al.	
	AH	US- 6,078,259	06/20/2000	Brady et al.	
	AI	US- 6,135,206	10/24/2000	Gano et al.	
	AJ	US- 6,151,961	11/28/2000	Huber et al.	
	AK	US- 6,257,338B1	07/10/2001	Kilgore	
	AL	US- 2001/0013410A1	08/16/2001	Beck et al.	

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Sheet **3** of **4****Complete if Known**

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Attorney Docket Number	200301USA

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	AM	US- 2001/0013411A1	08/16/2001	Beck et al.	
	AN	US- 2001/0042617A1	11/22/2001	Beck et al.	
	AO	US- 2001/0043146A1	11/22/2001	Beck et al.	
	AP	US- 6,333,699B1	12/25/2001	Zierolf	
	AQ	US- 6,333,700B1	12/25/2001	Thomeer et al.	
	AR	US- 2001/0054969A1	12/27/2001	Thomeer et al.	
	AS	US- 6,426,917B1	07/30/2002	Tabanou et al.	
	AT	US- 6,450,258B2	09/17/2002	Green et al.	
	AU	US- 6,577,244B1	06/10/2003	Clark et al.	
	AV	US- 6,536,524B1	03/25/2003	Snider	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	AW	FR 1.033.631	07/13/1953	Krebs		
	AX	SU 1657627A1	06/23/1991			
	AY	WO 01/73423 A1	10/04/2001	Thomeer et al.		
	AZ	WO 01/18357 A2	03/15/2001	Beck et al.		
	BA	EP 0 013 494 A1	07/23/1980	Hayward		
	BB	EP 0 412 535 B1	05/11/1994	Smith		

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Application Number

Filing Date

12/01/2003

First Named Inventor

KIRBY D. JABUSCH

Art Unit	Unit Title	Unit Description	Unit Objectives	Unit Activities	Unit Assessments	Unit Resources	Unit Materials	Unit Notes
1	Unit 1: Introduction to Art	Introduction to Art and the Art Process	Students will understand the elements and principles of art.	Students will create a simple artwork using the elements and principles of art.	Students will be able to identify and describe the elements and principles of art.	Students will be able to create a simple artwork using the elements and principles of art.	Students will be able to create a simple artwork using the elements and principles of art.	Students will be able to create a simple artwork using the elements and principles of art.
2	Unit 2: Drawing	Introduction to Drawing and the Drawing Process	Students will understand the elements and principles of drawing.	Students will create a simple drawing using the elements and principles of drawing.	Students will be able to identify and describe the elements and principles of drawing.	Students will be able to create a simple drawing using the elements and principles of drawing.	Students will be able to create a simple drawing using the elements and principles of drawing.	Students will be able to create a simple drawing using the elements and principles of drawing.
3	Unit 3: Painting	Introduction to Painting and the Painting Process	Students will understand the elements and principles of painting.	Students will create a simple painting using the elements and principles of painting.	Students will be able to identify and describe the elements and principles of painting.	Students will be able to create a simple painting using the elements and principles of painting.	Students will be able to create a simple painting using the elements and principles of painting.	Students will be able to create a simple painting using the elements and principles of painting.
4	Unit 4: Sculpture	Introduction to Sculpture and the Sculpture Process	Students will understand the elements and principles of sculpture.	Students will create a simple sculpture using the elements and principles of sculpture.	Students will be able to identify and describe the elements and principles of sculpture.	Students will be able to create a simple sculpture using the elements and principles of sculpture.	Students will be able to create a simple sculpture using the elements and principles of sculpture.	Students will be able to create a simple sculpture using the elements and principles of sculpture.
5	Unit 5: Printmaking	Introduction to Printmaking and the Printmaking Process	Students will understand the elements and principles of printmaking.	Students will create a simple print using the elements and principles of printmaking.	Students will be able to identify and describe the elements and principles of printmaking.	Students will be able to create a simple print using the elements and principles of printmaking.	Students will be able to create a simple print using the elements and principles of printmaking.	Students will be able to create a simple print using the elements and principles of printmaking.
6	Unit 6: Photography	Introduction to Photography and the Photography Process	Students will understand the elements and principles of photography.	Students will create a simple photograph using the elements and principles of photography.	Students will be able to identify and describe the elements and principles of photography.	Students will be able to create a simple photograph using the elements and principles of photography.	Students will be able to create a simple photograph using the elements and principles of photography.	Students will be able to create a simple photograph using the elements and principles of photography.
7	Unit 7: Digital Art	Introduction to Digital Art and the Digital Art Process	Students will understand the elements and principles of digital art.	Students will create a simple digital artwork using the elements and principles of digital art.	Students will be able to identify and describe the elements and principles of digital art.	Students will be able to create a simple digital artwork using the elements and principles of digital art.	Students will be able to create a simple digital artwork using the elements and principles of digital art.	Students will be able to create a simple digital artwork using the elements and principles of digital art.
8	Unit 8: Art History	Introduction to Art History and the Art History Process	Students will understand the elements and principles of art history.	Students will create a simple art history project using the elements and principles of art history.	Students will be able to identify and describe the elements and principles of art history.	Students will be able to create a simple art history project using the elements and principles of art history.	Students will be able to create a simple art history project using the elements and principles of art history.	Students will be able to create a simple art history project using the elements and principles of art history.
9	Unit 9: Art Appreciation	Introduction to Art Appreciation and the Art Appreciation Process	Students will understand the elements and principles of art appreciation.	Students will create a simple art appreciation project using the elements and principles of art appreciation.	Students will be able to identify and describe the elements and principles of art appreciation.	Students will be able to create a simple art appreciation project using the elements and principles of art appreciation.	Students will be able to create a simple art appreciation project using the elements and principles of art appreciation.	Students will be able to create a simple art appreciation project using the elements and principles of art appreciation.
10	Unit 10: Art and Society	Introduction to Art and Society and the Art and Society Process	Students will understand the elements and principles of art and society.	Students will create a simple art and society project using the elements and principles of art and society.	Students will be able to identify and describe the elements and principles of art and society.	Students will be able to create a simple art and society project using the elements and principles of art and society.	Students will be able to create a simple art and society project using the elements and principles of art and society.	Students will be able to create a simple art and society project using the elements and principles of art and society.

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	BC	EP 0 651 132 B1	05/03/1995	Kilgore		
	BD	EP 0 730 083 A2	04/09/1996	Gazda		

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